

**Anderson Multi-Use Facility
Condensed Capital Cost Estimate**

Description	Amount
Design	\$ 260,000
Site Construction (Civil)	\$ 519,000
Framing	\$ 1,116,000
Mechanical	\$ 702,000
Sprinklers	\$ 137,000
Electrical	\$ 508,000
Thermal & Moisture Protection	\$ 74,000
Finish	\$ 677,000
Miscellaneous	\$ 765,600
Total	\$ 4,759,000
20% Contingency	\$ 952,000
Grand Total	\$ 5,711,000
Costs per sq. ft.	\$ 313

Anderson Multi-Use Facility
Capital Cost Estimate

Description	Unit	Unit Price	Qty.	Amount	Comments
Design				\$ 260,000	
Architectural	L.S.	\$ 84,000	1	\$ 84,000	
Mechanical	L.S.	\$ 31,200	1	\$ 31,200	
Electrical	L.S.	\$ 18,000	1	\$ 18,000	
Civil	L.S.	\$ 18,000	1	\$ 18,000	
Structural	L.S.	\$ 18,000	1	\$ 18,000	
Landscape Design	L.S.	\$ 12,000	1	\$ 12,000	
Management	L.S.	\$ 60,000	1	\$ 60,000	
Reproduction	L.S.	\$ 6,000	1	\$ 6,000	
Permitting	L.S.	\$ 12,000	1	\$ 12,000	
Site Construction (Civil)				\$ 519,000	
Site Work					
Level & Compact Lot	L.S.	\$ 12,000	1	\$ 12,000	Dozer, Grader, compactor, dump truck & Crew
6" D-1 Leveling Coarse	ton	\$ 12	5000	\$ 60,000	
Site Grading & Compaction		\$ 18,000	1	\$ 18,000	
Install culverts	ea.	\$ 6,000	2	\$ 12,000	
Landscaping	L.S.	\$ 60,000	1	\$ 60,000	
		<i>Site Work Subtotal</i>		<i>\$ 162,000</i>	
Sewer					
Labor	L.S.	\$ 57,600	1	\$ 57,600	\$4800/day per crew x 12 days
Equipment	L.S.	\$ 18,000	1	\$ 18,000	330 Excvtr @ \$10.8K + dozer@ \$3.6K + plate compactor @ \$3.6K
Materials	lin. ft.	\$ 120	200	\$ 24,000	200' of Insulated pipe @ \$120/ft.
Bedding (D1)	L.S.	\$ 5,040	1	\$ 5,040	20 loads x 10 yd ³ /load x \$25.2/yd ³
		<i>Sewer Subtotal</i>		<i>\$ 104,640</i>	
Class A Water Well					
Install Water Line	L.S.	\$ 28,800	1	\$ 28,800	\$4800K/day per crew x 6 days
Drill & Develop Well	L.S.	\$ 27,360	1	\$ 27,360	100 gpm: Quote from M&W Drilling
Install Pump	L.S.	\$ 8,040	1	\$ 8,040	Quote from M&W Drilling
Materials	lin. ft.	\$ 120	200	\$ 24,000	200' of Insulated pipe @ \$120/ft.
Bedding (D1)	L.S.	\$ 1,260	1	\$ 1,260	5 loads x 10 yd ³ /load x \$21/yd ³
		<i>Class A Water Well Subtotal</i>		<i>\$ 89,460</i>	
Building Foundation					
Excavation	L.S.	\$ 14,400	1	\$ 14,400	\$2400K/day per crew x 6 days
Compaction	L.S.	\$ 2,400	1	\$ 2,400	1 Labor x 48 hrs x \$50
Wall Footings Type 1	lin. ft.	\$ 50	552	\$ 27,821	10x16 w/5 course block solid grouted-J. Gagnon
10 x 16 Type 2 Footing	lin. ft.	\$ 17	432	\$ 7,258	10 x 16 w/ 2#5 bar-J. Gagnon
Spread Footings	L.S.	\$ 6,000	1	\$ 6,000	Place Holder
Underground Plumbing	L.S.	\$ 27,360	1	\$ 27,360	3 Plumbers x 80 hr x \$114/hr
Reinforcing Steel	\$/sq.ft.	\$ 2	11,965	\$ 19,383	
Anchor Bolts	\$/sq.ft.	\$ 1	11,965	\$ 7,179	
4" Slab on Grade-Complete	sq. ft.	\$ 4	11,965	\$ 45,946	J. Gagnon
Bedding (D1)	yd3	\$ 25	200	\$ 5,040	
		<i>Building Foundation Subtotal</i>		<i>\$ 162,786</i>	
Framing				\$ 1,116,000	
1st Floor	sq. ft.	\$ 18	11,965	\$ 215,370	
2nd Floor	sq. ft.	\$ 18	6,305	\$ 113,490	
Roof	sq. ft.	\$ 9	11,965	\$ 107,685	
Boom Truck	L.S.	\$ 3,000	1	\$ 3,000	
Forklift	L.S.	\$ 6,000	1	\$ 6,000	
Foundation Insul./Waterproofing	sq. ft.	\$ 6	2,064	\$ 12,384	
Materials	sq. ft.	\$ 36	18,270	\$ 657,720	
Mechanical				\$ 702,000	
1st Floor HVAC	sq. ft.	\$ 26	11,965	\$ 315,876	Based on CCC Bids
2nd Floor HVAC	sq. ft.	\$ 26	6,305	\$ 166,452	Based on CCC Bids
1st Floor Plumbing	sq. ft.	\$ 12	11,965	\$ 143,580	Based on CCC Bids
2nd Floor Plumbing	sq. ft.	\$ 12	6,305	\$ 75,660	Based on CCC Bids
Sprinklers				\$ 137,000	
1st Floor	sq. ft.	\$ 8	11,965	\$ 89,881	\$ from Chinook Fire Protection
2nd Floor	sq. ft.	\$ 8	6,305	\$ 47,363	\$ from Chinook Fire Protection
		\$ -			
Electrical		\$ -		\$ 508,000	
1st Floor	sq. ft.	\$ 27	11,965	\$ 320,471	includes labor & materials
2nd Floor	sq. ft.	\$ 27	6,305	\$ 168,873	includes labor & materials
Service Entrance	L.S.	\$ 18,000	1	\$ 18,000	Based on actual costs for shop
Thermal & Moisture Protection				\$ 74,000	
Batt Insulation-Walls	sq. ft.	\$ 3	8,000	\$ 24,000	Material @ \$1.50 + Labor @\$1.50= \$3/sq. ft.
Batt Insulation-Roof	sq. ft.	\$ 4	11,965	\$ 43,074	Material @ \$1.50 + Labor @\$1.50= \$4/sq. ft.
Vapor Barrier-Walls	sq. ft.	\$ 0.30	19,965	\$ 5,990	Labor & materials
Finish				\$ 677,000	
Roofing	sq.	\$ 250	120	\$ 30,002	Includes Mtl & labor
Windows	\$/sq. ft.	\$ 4	18,270	\$ 65,772	Includes Mtl & labor
Doors-3'-0	ea.	\$ 600	40	\$ 24,000	Includes Mtl & labor
Doors-6'-0	ea.	\$ 3,600	7	\$ 25,200	Includes Mtl & labor
Overhead Garage Doors	ea.	\$ 8,880	4	\$ 35,520	Includes Mtl (\$6K) & Labor (\$2.88) per door
Vinyl/carpet 1st floor	sq. ft.	\$ 6	11,965	\$ 71,790	Actual from shop
Vinyl/carpet 2nd floor	sq. ft.	\$ 6	6,305	\$ 37,830	
Painting	sq. ft.	\$ 1	64,000	\$ 76,800	Factor 3.5 X sq. ft.
Acoustic Ceiling Tile	sq. ft.	\$ 3	18,270	\$ 62,483	Pacific Partitions
Drywall-Hanging					
1st Floor Ceiling-(1) 5/8 GWB	sq. ft.	\$ 3	11,965	\$ 40,202	Includes Labor & Mtls-Pacific Partitions 3/29/06
2nd Floor Ceiling-(1) 5/8 GWB	sq. ft.	\$ 3	6,305	\$ 21,185	Includes Labor & Mtls-Pacific Partitions 3/29/06
Walls-1st Floor	sq. ft.	\$ 2	30,000	\$ 50,400	Factor 2.5 X floor area
Walls-2nd Floor	sq. ft.	\$ 2	16,000	\$ 26,880	Factor 2.5 X floor area
Drywall-Tape & Texture					
1st Floor Ceiling	sq. ft.	\$ 2	11,965	\$ 20,101	Includes Labor & Mtls-Pacific Partitions 3/29/06
2nd Floor Ceiling	sq. ft.	\$ 2	6,305	\$ 10,592	Includes Labor & Mtls-Pacific Partitions 3/29/06
Walls-1st Floor	sq. ft.	\$ 2	30,000	\$ 50,400	Includes Labor & Mtls-Pacific Partitions 3/29/06
Walls-2nd Floor	sq. ft.	\$ 2	16,000	\$ 26,880	Includes Labor & Mtls-Pacific Partitions 3/29/06
Miscellaneous				\$ 765,600	
Elevator	L.S.	\$ 60,000	1	\$ 60,000	O&M \$300/mo.
Fire Water Tank-20,000 gal	L.S.	\$ 70,800	1	\$ 70,800	Mtl. \$48K; Freight \$3.6K; Labor 4 Days x \$4.8K/d
Kitchen Appliances/Hood/Specialties	L.S.	\$ 96,000	1	\$ 96,000	
Locksmith	L.S.	\$ 12,000	1	\$ 12,000	
Construction Equipment Rental	L.S.	\$ 120,000	1	\$ 120,000	
Utilities					
Electricity (Golden Valley)	L.S.	\$ 18,000	1	\$ 18,000	
Emergency Back-Up Generator	L.S.	\$ 48,000	1	\$ 48,000	50 KW Self-contained mobile unit w/ switch gear
Room & Board	days	\$ 150	1200	\$ 180,000	8 men x 150 days x \$150 per diem
Wash Bay	sq. ft.	\$ 12	400	\$ 4,800	
Oilly Water Separator	L.S.	\$ 12,000	1	\$ 12,000	
Furnishings	L.S.	\$ 120,000	1	\$ 120,000	
Surveying	days	\$ 1,200	20	\$ 24,000	5 days @ \$1200/day
			Total	\$ 4,759,000	
		20% Contingency		\$ 952,000	
		Grand Total		\$ 5,711,000	
		Costs per sq. ft.		\$ 313	